



1/47

FIG. 1

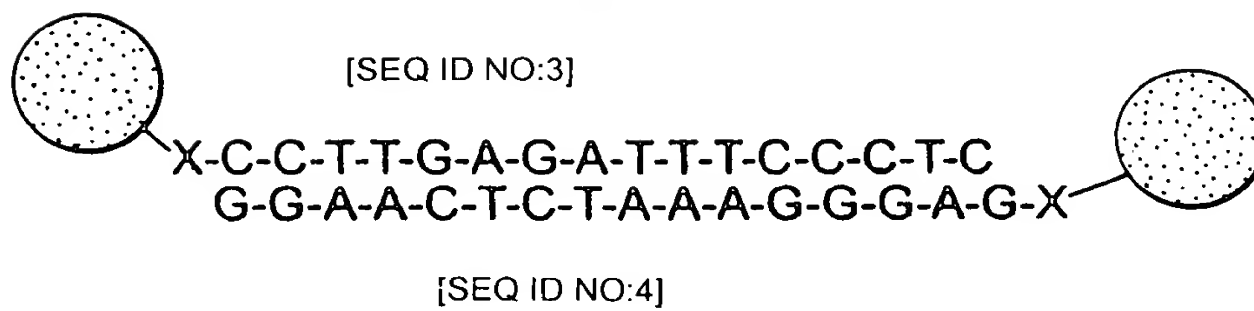
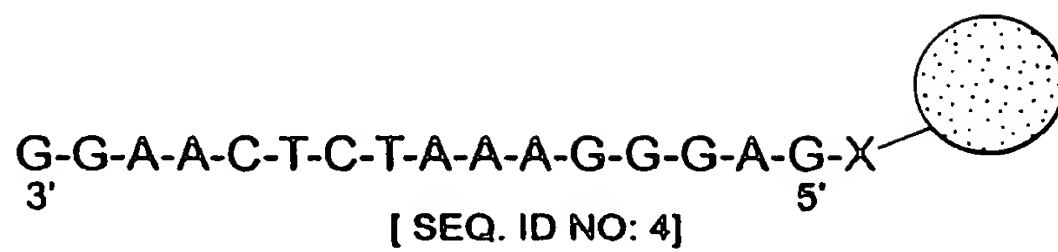
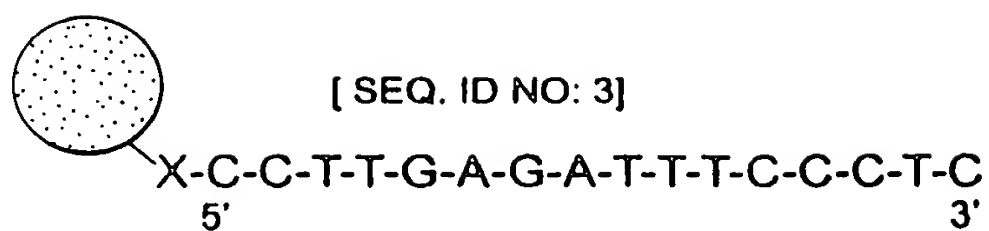


FIG. 2

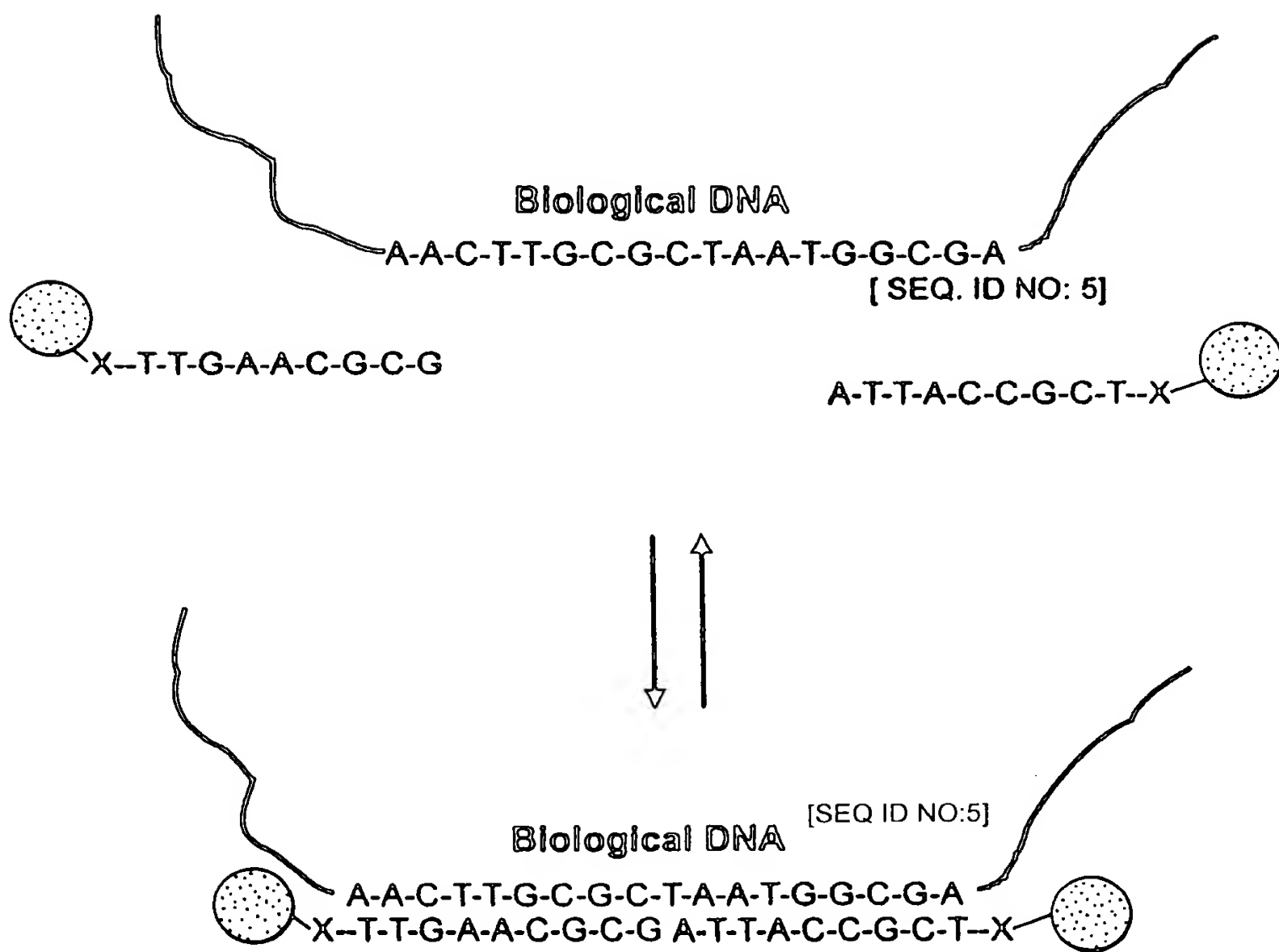
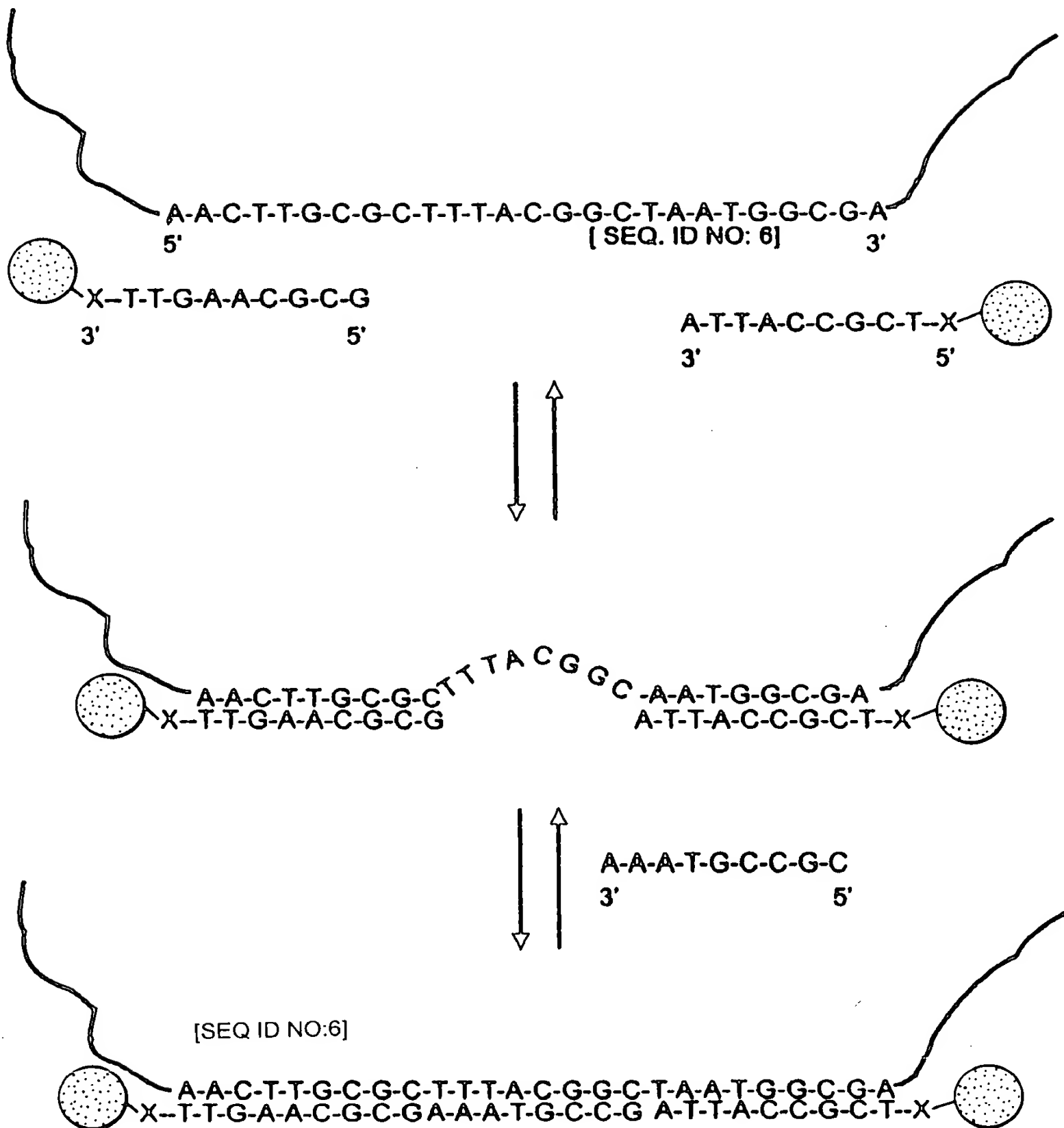
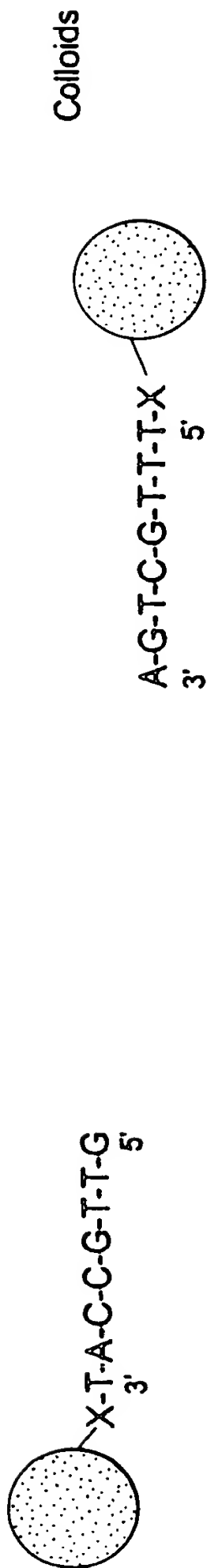
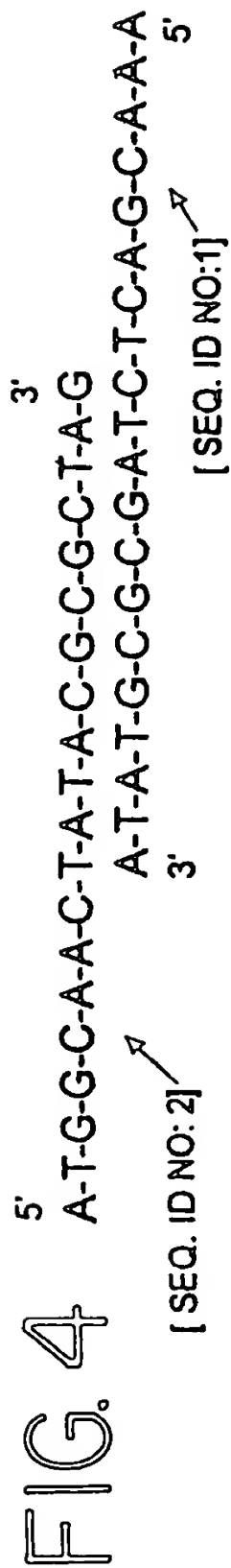


FIG. 3

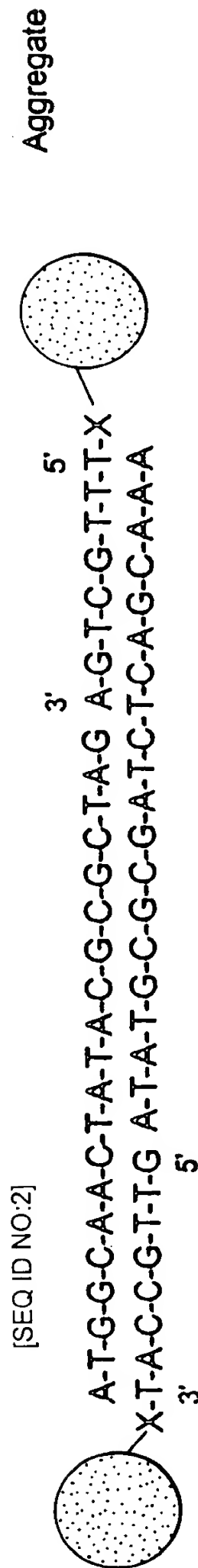


Linking oligonucleotide



Heat

Mix below T<sub>m</sub>



[SEQ. ID NO: 1]

Heat

Stand below T<sub>m</sub>

Precipitate (formed by further cross-linking)



10/47

FIG. 10

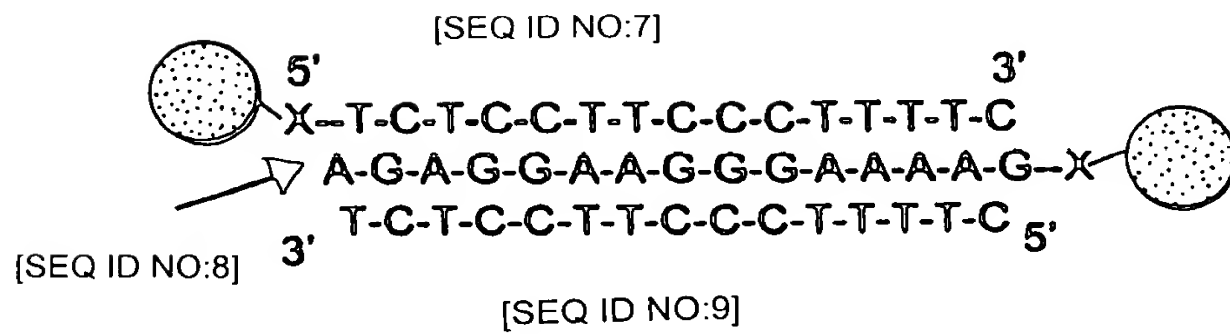
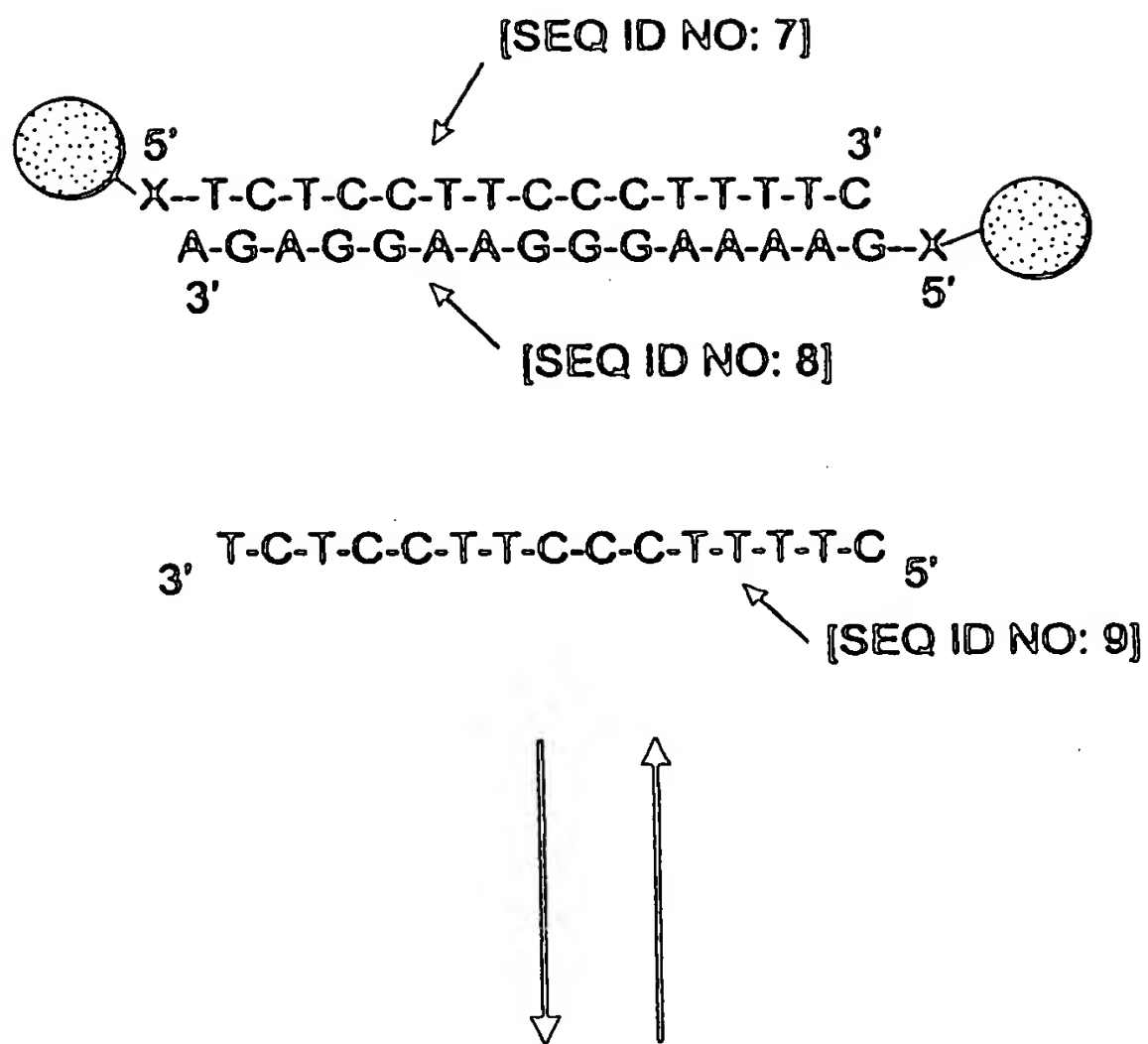
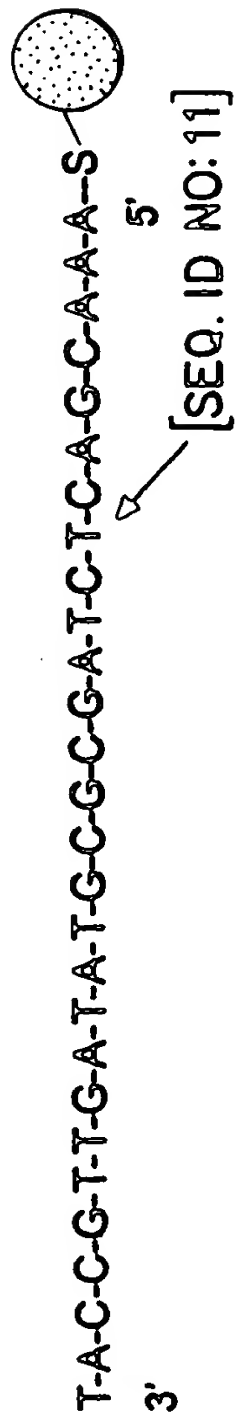
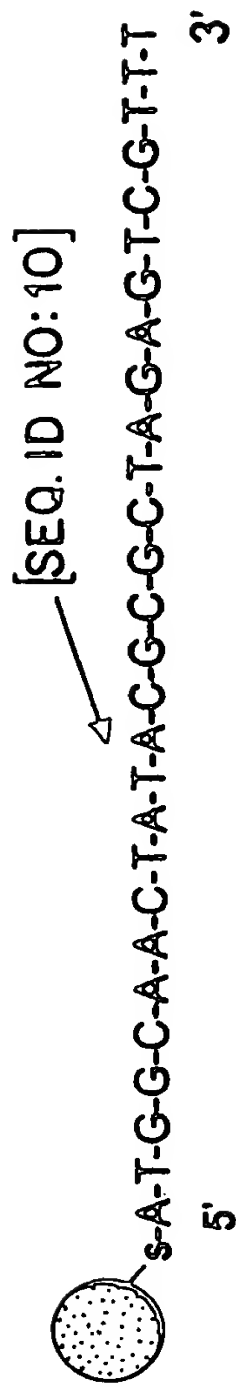
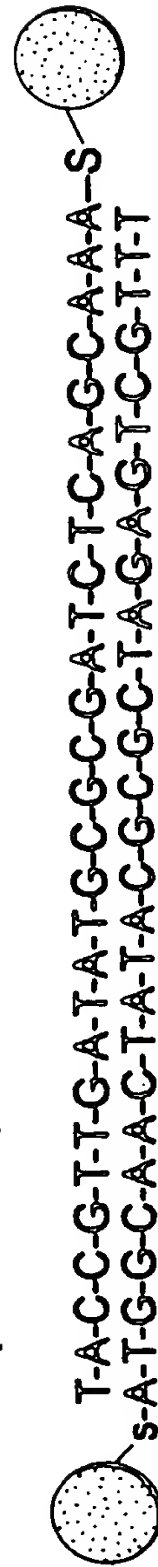


FIG. 11



[SEQ ID NO: 11]



[SEQ ID NO: 10]



24 Base Template

[SEQ ID NO:22]

FIG. 16A

5' TAC-GAG-TTG-AGA-ATC-CTG-AAT-GCG 3'

—S-ATG-CTC-AAC-TCT TAG-GAC-TTA-CGC-S —

1

[SEQ ID NO:33]

2

[SEQ ID NO:35]

FIG. 16B

17/47

48 Base Template with Complementary 24 Base Filler

[SEQ ID NO:29]

5' TAC-GAG-TTG-AGA-CCG-TTA-AGA-CGA-GGC-AAT-CAT-GCA-ATC-CTG-AAT-GCG 3'

—S-ATG-CTC-AAC-TCT GGC-AAT-TCT-GCT-CCG-TTA-GTA-CGT TAG-GAC-TTA-CGC-S —

1

[SEQ ID NO:33]

[SEQ ID NO:63]

2

[SEQ ID NO:35]

FIG. 16C

72 Base Template with Complementary 48 Base Filler

[SEQ ID NO:31]

5' TAC-GAG-TTG-AGA-CCG-TTA-AGA-CGA-GGC-AAT-CAT-GCA-TAT-ATT-GGA-CGC-TTT-ACG-GAC-AAC-ATC-CTG-AAT-GCG 3'

—S-ATG-CTC-AAC-TCT GGC-AAT-TCT-GCT-CCG-TTA-GTA-CGT-ATA-TAA-CCT-GCG-AAA-TGC-CTG-TTG TAG-GAC-TTA-CGC-S —

1

[SEQ ID NO:33]

[SEQ ID NO:32]

2

[SEQ ID NO:35]